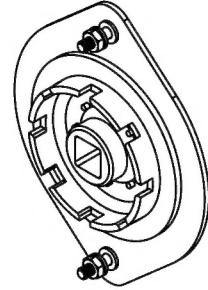
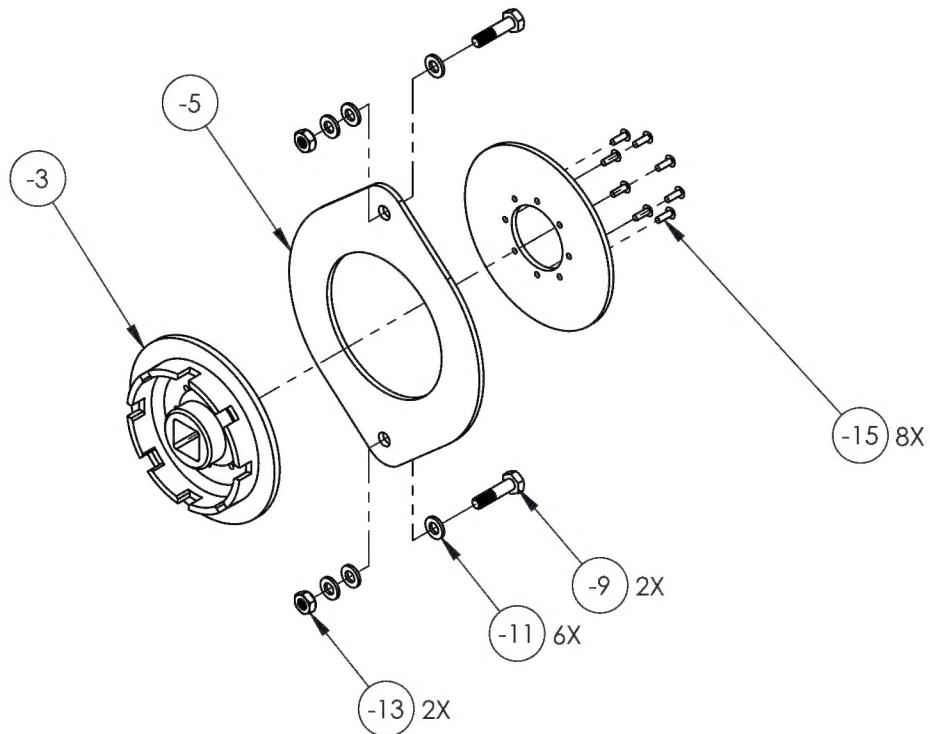


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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| A | | CH'D TITLEBLOCK & REVISION BLOCK, ADDED ASSY, DWG., ADDED FINISH SPEC P/N -3, -5, -7, ADDED ENGRAVE NOTE, ADDED HEAT TREAT P/N -3, CH'D TOOL NUMBER FROM 369A9829. | 10/28/2009 | RJC | RW |
| B | | ADDED -3 MISSING .875 DIMENSION PER G.E. | 11/11/2011 | RJC | RW |
| 3 | 15-0332 | UPDATED TO NEW DRAFTING STANDARDS, ADDED DASH NUMBERS FOR HARDWARE. -3 CH'D DIMS WAS 8X Ø.1285 IS 8X Ø.1285-.1335, WAS .750 SQ IS 2X .753-.758, WAS .875 IS (.875). ADDED DIMS 2X 1.005 MIN, Ø3.312. -5 ADDED "SWIVEL" TO DESCRIPTION ON DWG. -7 ADDED "RETAINING" TO DESCRIPTION ON DWG. CH'D DIM WAS 8X Ø.1285 IS 8X Ø.1285-.1335. -15 CH'D B/O REF WAS #MS20470-4-6 IS #MS20470AD-4-6. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS. | 10/13/2015 | DPD | JAG |

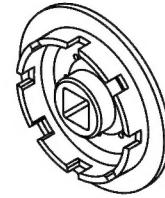
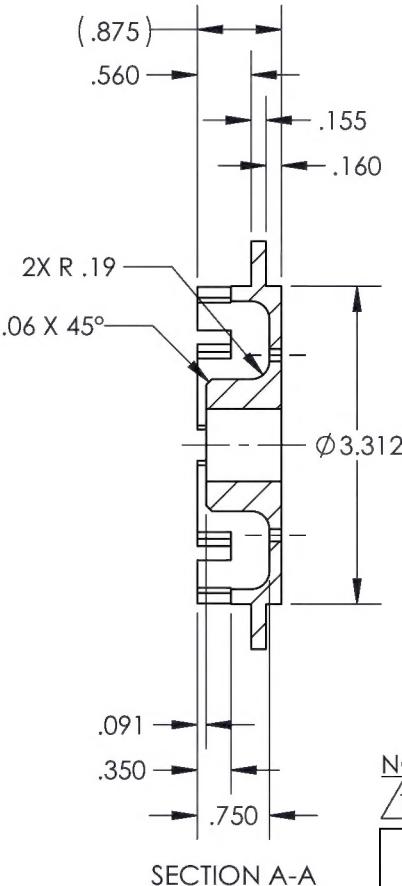
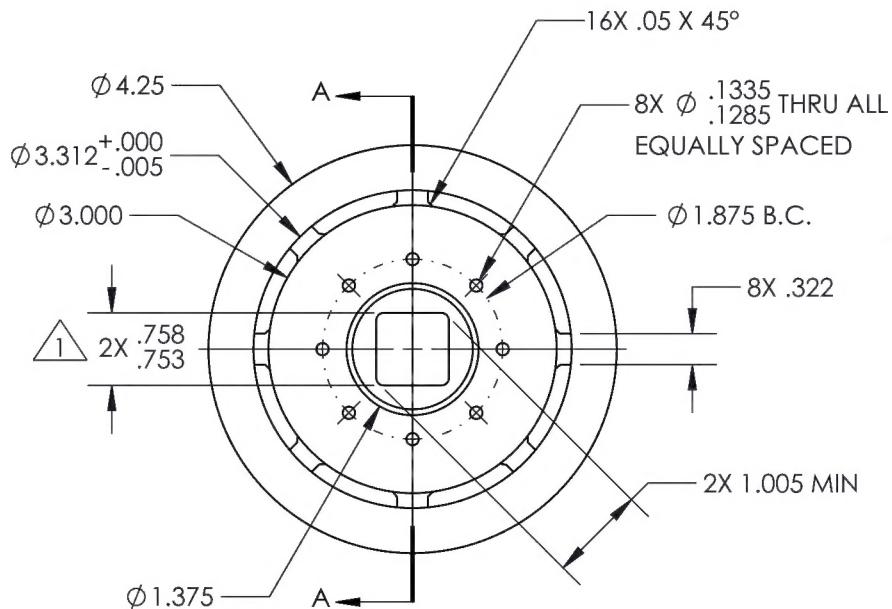


| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|--------|----------|-----------------|----------|-----------------------------------|-----|
| | | | -3 | 1 | WRENCH | 41140 | | 2 |
| | | | -5 | 1 | SWIVEL PLATE | 6061 | | 3 |
| | | | -7 | 1 | RETAINING PLATE | 6061 | | 4 |
| | | B/O | -9 | 2 | BOLT | STEEL | 1/4-28 X 1.031 (AN4-10A) | 1 |
| | | B/O | -11 | 6 | WASHER | STEEL | Ø1/4 (AN960-416) | 1 |
| | | B/O | -13 | 2 | NUT | STEEL | 1/4-28 (AN315-4) | 1 |
| | | B/O | -15 | 8 | RIVET | ALUMINUM | Ø1/8 X 3/8 (MS20470AD-4-6) | 1 |

| DART AEROSPACE | | |
|---|-----|---------------------------------|
| TITLE | | |
| ROTOR MAST NUT WRENCH | | |
| DWG NO. | | REV |
| RBA9829 | | 3 |
| MAT'L | | DRAWN BY: COLE |
| | | APPROVED <i>D. Weil</i> |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 | | HEAT TREAT FINISH SPEC |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | USED ON MODEL MD-500 |
| SCALE | 1:4 | DATE 9/19/2000 |
| SHEET 1 OF 4 | | |

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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| A | | ADDED FINISH SPEC P/N -3, ADDED HEAT TREAT P/N -3. | 10/28/2009 | RJC | RW |
| B | | ADDED -3 MISSING .875 DIMENSION PER G.E. | 11/11/2011 | RJC | DPD |
| 3 | 15-0332 | -3 CH'D DIMS WAS 8X Ø.1285 IS 8X Ø.1285-.1335, WAS .750 SQ IS 2X .753-.758, WAS .875 IS (.875). ADDED DIMS 2X 1.005 MIN, Ø3.312. | 10/14/2015 | DPD | JAG |



NOTE:

1 ORIENTATION NOT CRITICAL.

-3

WRENCH



ROTOR MAST NUT WRENCH

DWG NO.

RBA9829-3

REV
3

MAT'L 41140

COL E

COLE
Dell

BC 35-40

AC 33-40

BLACK OXIDE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

| XXX ± .005 | FRACTIONS ± 1/8 | TREAT | RC 35-40 |
|------------|-----------------|--------|-------------|
| XX ± .01 | ANGLE 52 + 53 | FINISH | BLACK OXIDE |

| | | | |
|----------|-----------------------|--------|-------------|
| $\pm .1$ | ANGLES $\pm .5^\circ$ | FINISH | BLACK OXIDE |
| | | SPEC | |

1. BREAK ALL SHARP EDGES .015 x 45°
OR .015R

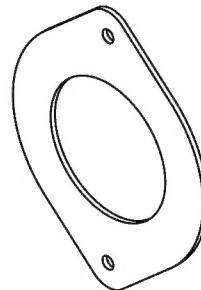
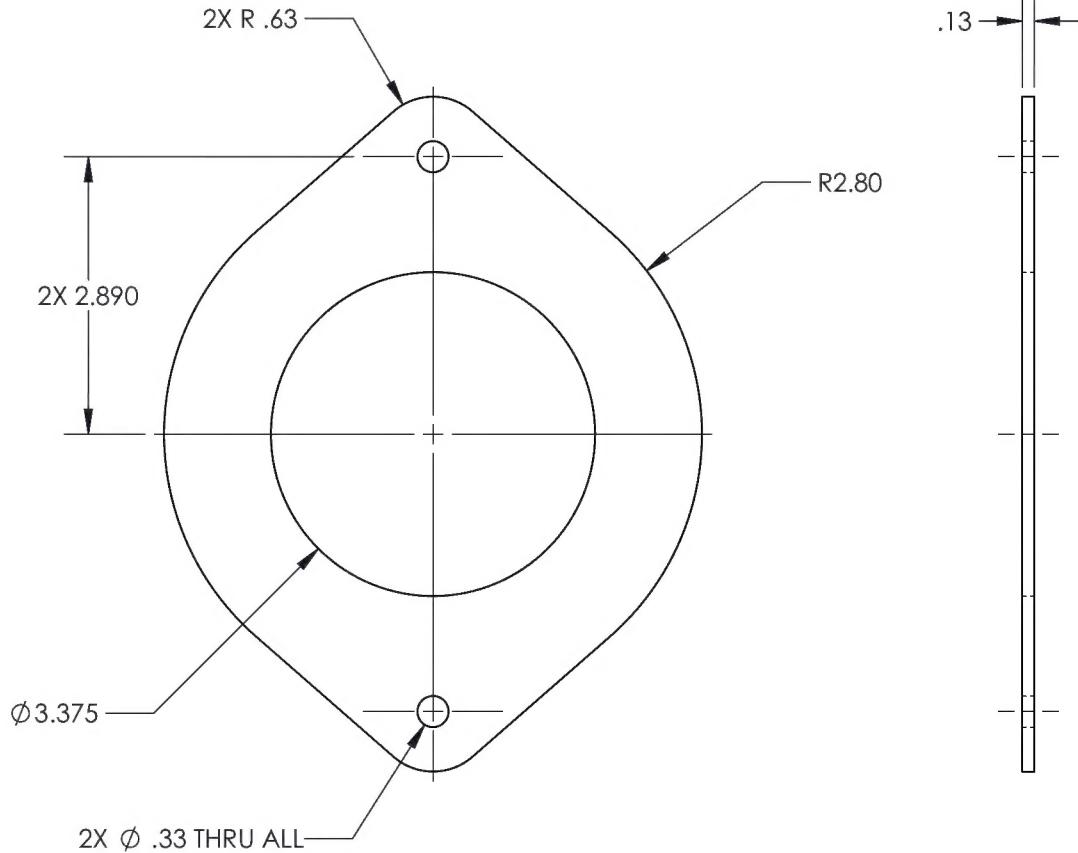
| 2. DIMENSIONAL LIMITS APPLY AFTER | USED ON MODEL |
|-----------------------------------|---------------|
| | MP-500 |

PLATING MD-500

SCALE 1:2 DATE 9/19/2000 SHEET 20

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| REVISIONS | | | | | |
|-----------|---------|---|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| A | | ADDED FINISH SPEC P/N -5. | 10/28/2009 | RJC | RW |
| 3 | 15-0332 | -5 ADDED "SWIVEL" TO DESCRIPTION ON DWG. | 10/14/2015 | DPD | JAG |



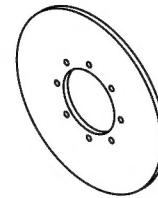
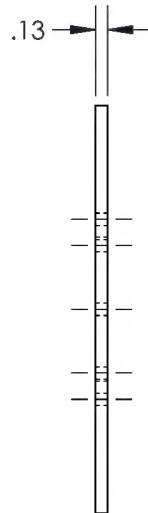
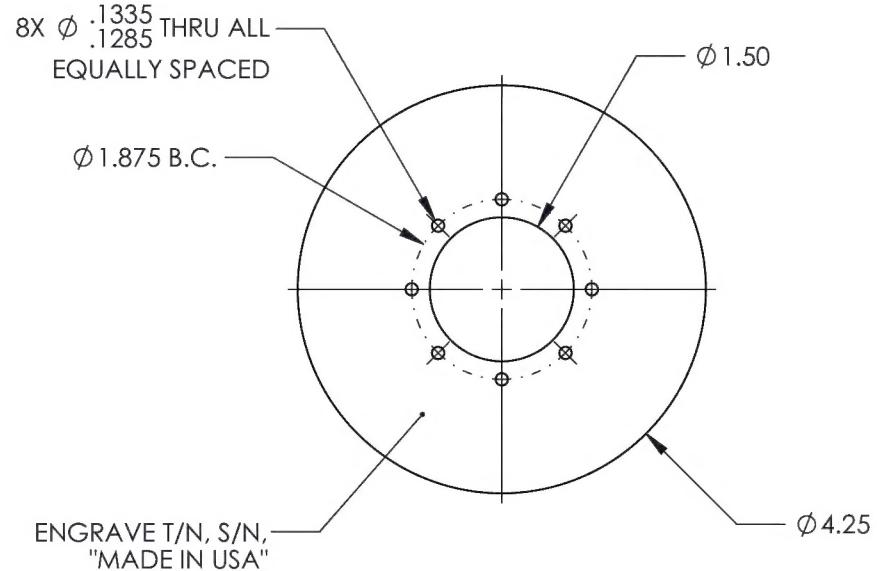
SWIVEL PLATE

(5)

| DART AEROSPACE | |
|-------------------------------------|-----------|
| TITLE | |
| ROTOR MAST NUT WRENCH | |
| DWG NO. | RBA9829-5 |
| MAT'L | 6061 |
| DRAWN BY: | COLE |
| APPROVED | D Weil |
| UNLESS OTHERWISE SPECIFIED | |
| DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 FRACTIONS ± 1/8 | |
| .XX ± .01 ANGLES ± 5° | |
| .X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° | |
| OR .015R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER | |
| PLATING | |
| SPEC MIL-A-8625, TYPE II, CLASS II | |
| USED ON MODEL | |
| MD-500 | |
| SCALE | 1:2 |
| DATE | 9/19/2000 |
| SHEET 3 OF 4 | |

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| REVISIONS | | | | | |
|-----------|---------|--|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| A | | ADDED FINISH SPEC P/N -7, ADDED ENGRAVE NOTE. | 10/28/2009 | RJC | RW |
| 3 | 15-0332 | -7 ADDED "RETAINING" TO DESCRIPTION ON DWG. CH'D DIM WAS 8X Ø.1285 IS 8X Ø.1285-.1335. | 10/14/2015 | DPD | JAG |



RETAINING PLATE

(-7)

| DART AEROSPACE | |
|--|-----------|
| TITLE | |
| ROTOR MAST NUT WRENCH | |
| DWG NO. | RBA9829-7 |
| MAT'L | 6061 |
| DRAWN BY: | COLE |
| APPROVED | D Weil |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| .XXX ± .005 FRACTIONS ± 1/8 | |
| .XX ± .01 ANGLES ± 5° | |
| X ± .1 | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| SPEC MIL-A-8625, TYPE II, CLASS II | |
| USED ON MODEL | |
| MD-500 | |
| SCALE | 1:2 |
| DATE | 9/19/2000 |
| SHEET 4 OF 4 | |